1ST & Final Bill

No.....

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division

Sub-Division

Bill Received No. ..... Dated .....

Cash Book Voucher No. ..... Dated :.....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **Maintenance of Borewell at ward No.12 Shettyhalli Sub Division**

Sri Prakash S

Name of Contractor and Full Address .....

Reference to Agreement No. **EE/DD/WO/43/17-18** Date: **26.04.2017**

Certified that the measurements were taken by me on .....and recorded in pages 178719 - 178759 of measurements Book No. 17888/13-14 and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 18/12/2017 and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment

Job Code : 012-17-000017

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account.	
2.	Deduct amount to be held in reserve being ..... percent Rs.	--
3.	- do - Balance	--
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	Total --
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
		Total amount adjusted --

Contractor Signature

Received Rs. ..... (in words)

.....

..... by cash and by adjustment of

Payment as per memorandum.

Witnes sre : (In final settlement of all demand)

(For use in the Office)

1.

2.

Stamp

Date

Signature of Contractor

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Repairs to Motor: Rewinding of submersible pumpsets with copper insulation wire of suitable guage as per ISI s guarantee of 6 months Above 5.00H.P upto 10.00 H.P add Rs. 192.50/every .5HP, Above 10.00 H.P up to 20.00 every .5HP complete as per specfication & as per direction of Engineer-in-charge 7.50 HP
2	10.00HP
3	12.50 HP
4	15.0 HP
5	Replacement of pump parts the following main components of submersible pumpsets requiring replacement c specfication & as per direction of Engineer-in-charge Pimp Bowls
6	Intermediate piece (I.P) with leaded bronze bush complete as per specfication & as per direction of Engineer-in-charg
7	Oil seal complete as per specfication & as per direction of Engineer-in-charge
8	Oil seal steel bush complete as per specfication & as per direction of Engineer-in-charge
9	Guide vane complete as per specfication & as per direction of Engineer-in-charge
10	Impeller (shell moulded with aluminium and bronze) complete as per specfication & as per direction of Engineer-in-cha
11	Discharge outlet (D.O.) bearing D.O. steel bush complete as per specfication & as per direction of Engineer-in-charge
12	D.O.bearing complete as per specfication & as per direction of Engineer-in-charge
13	Steel bearing bush (D.O.Steel Bush) complete as per specfication & as per direction of Engineer-in-charge
14	Allen screw complete as per specfication & as per direction of Engineer-in-charge
15	Pump shoft made out of stainless steel center less ground with key way (upto 8 stages) + R. 40/- Extra 20 stages specfication & as per direction of Engineer-in-charge
16	Pump Key complete as per specfication & as per direction of Engineer-in-charge
17	Pump couping (stainless steel) complete as per specfication & as per direction of Engineer-in-charge
18	Non return valve (NRV) assembly complete. Rubber 'O' ring complete as per specfication & as per direction of Enginee
19	Cable guard complete as per specfication & as per direction of Engineer-in-charge
20	Strainer complete as per specfication & as per direction of Engineer-in-charge
21	Brass filter complete as per specfication & as per direction of Engineer-in-charge
22	Labour charges (over hauling only) Per Job complete as per specfication & as per direction of Engineer-in-charge
23	Above 4 HP below 5 HP startor (with one year gurantee)
24	Above 4 HP below 5 HP Rotor (with one year gurantee)
25	Upper flange complete as per specfication & as per direction of Engineer-in-charge
26	Lower housing complete as per specfication & as per direction of Engineer-in-charge
27	Lower flange complete as per specfication & as per direction of Engineer-in-charge
28	Lock ring complete as per specfication & as per direction of Engineer-in-charge
29	Carbon housing complete as per specfication & as per direction of Engineer-in-charge
30	Thrust bearing block assembly with segment bearing pad complete as per specfication & as per direction of Engineer-i
31	Tip carbon complete as per specfication & as per direction of Engineer-in-charge
32	Studs and nuts complete as per specfication & as per direction of Engineer-in-charge
33	Bearing (gunmetal) centrifugal Cast aluminium bronze, bearing bush complete as per specfication & as per direction charge

	Unit	revious Measureme		Present Measurement			To[illegible]-to-d[illegible]		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
ification with add 175 per	No	10	38225/-	—	3822.50	—	10	38225=00	
	No	60	287100/-	—	4785.00	—	60	2.87.100=00	
	No	—	—	20	5885.00	1.17.700=00	20	1.17.700=00	
	No	—	—	12	6985.00	83820=00	12	83820=00	
plete as per	No	680	209440/-	170	308.00	52360=00	850	261800=00	
	No	54	38610/-	26	715.00	18590=00	80	57200=00	
	No	120	14520/-	40	121.00	4840=00	160	19360=00	
	No	54	7128/-	26	132.00	3432=00	80	10560=00	
	No	720	138600/-	480	192.50	92400=00	1200	231000=00	
	No	720	190080/-	480	264.00	126720=00	1200	316800=00	
	No	54	28215/-	26	522.50	13585=00	80	41800=00	
	No	140	13090/-	60	93.50	5610=00	200	18700=00	
	No	140	24640/-	60	176.00	10560=00	200	35200=00	
	No	130	10010/-	30	77.00	2310=00	160	12320=00	
mplete as per	No	43	28380/-	17	660.00	11220=00	60	39600=00	
	No	54	6534/-	26	121.00	3146=00	80	9680=00	
	No	54	18414/-	26	341.00	8866=00	80	27280=00	
n-charge	Each	54	30888/-	26	572.00	14872=00	80	45760=00	
	Each	140	23100/-	20	165.00	3300=00	160	26400=00	
	Each	50	9625/-	—	192.50	—	50	9625=00	
	Each	50	6050/-	—	121.00	—	50	6050=00	
	Each	54	29700/-	26	550.00	14300=00	80	44000=00	
	Each	14	83160/-	6	5940.00	35640=00	20	118800=00	
	Each	14	61600/-	6	4400.00	26400=00	20	88000=00	
	Each	54	17880/-	26	330.00	8580=00	80	26400=00	
	Each	54	29106/-	26	539.00	14014=00	80	43120=00	
	Each	54	21978/-	26	407.00	10582=00	80	32560=00	
	Each	54	4752/-	26	88.00	2288=00	80	7040=00	
	Each	54	21978/-	26	407.00	10582=00	80	32560=00	
charge	Each	54	29700/-	26	550.00	14300=00	80	44000=00	
	Each	54	95040/-	26	1760.00	45760=00	80	140800=00	
	Each	140	12320/-	60	88.00	5280=00	200	17600=00	
f Engineer-in-	Each	140	56980/-	—	407.00	—	140	56980=00	

34	Circlips complete as per specfication & as per direction of Engineer-in-charge
35	Motor base with pin complete as per specfication & as per direction of Engineer-in-charge
36	Transportion of pumping Machineres complete as per specfication & as per direction of Engineer-in-charg
37	Re-erection charges of pumping machineries including overhauling and painting
38	Lifting of submersible pump set
39	Labour charges (Over hauling only)
40	Supply and drawing 3 core flabr PVD sheathed submersible pump cable manufacture with electrolytic grade cop copper conductor confirming to calbe 3 class 5 of IS 8130 - 1984 and altes amendments of IS 694 / 1990 and vi insulation and sheathed suitable for working volgrage upto 1100 volts complete as per specfication & as per direction charge
41	Fabricating supplying and mounting MS box made out 14 SWG suitable for floor/ wall mounting fully weather proof w better hear dissipation provided with hinged front cover equipped with tamper proof locking arrangementw with suita with necessary calbe entry pipw with gland box should be finished with 2 coats of red oxide primer paint and fina approved color enameled metal paint etc.,complete as per specfication & as per direction of Engineer-in-charge
42	Supplying and fixing angle iron frame work fabricated out of MS angle iron and MS flat bolts, washers etc and painted red oxide and then two coats of approved paint 40X40X6mm 4X50 Nos
43	Supplying and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made than 2 pieces and fixing the same to the wall using tapers incerted wooden plugs screws etc F) 20" X20"X2.5" c specfication & as per direction of Engineer-in-charge
44	Supplying and fixing miniature circuit breaker on existing MCB distribution board using necessary fixing materials and as per required 40 to 63 amps
45	Supplying and fixing one of the fuse cutouts having porcelain base approved quality on the existing wooden block and
46	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable submercible pumpset suitable for vertical installation in 150mm dia borewells compressing of single stage or multis close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure (wet type) squirrel cage submercible induction motor suitable for operation of 3Ph, 50Hz., 380/440 volts AC supply fitte accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and moto integral unit with all the required fittings 12.5. HP 25 stage complete as per specfication & as per direction of Engineer-in
47	Supplying of LTUG cable having aluminium conductor PVC insulated sheathed galvanized steel wire/ steel tape armo PVC outer sheathing 1.1 KV class conforming IS 1554-PVC cable.
48	Digging of trench of 0.6m deep X 0.50 wide refilling the trence to the required ground level and consolidating etc comple soil complete as per specfication & as per direction of Engineer-in-charge
49	Labour charges for laying 1.1 KV class UG cable when supplied departmentally/agency in existing trench GI pipe/ston wall/on pole as required.
50	Supplying fully automatic star - delta starter unit push button type with suitable wires 3 contractor, one adjustable mounted on a common base plate heeld in steel enclosure for use on 400/400 volts 3 phase and wired after fixing wooden board for motor. complete as per specfication & as per direction of Engineer-in-charge
51	Supplying and fixing single phase preventer complete as per specfication & as per direction of Engineer-in-charge
52	Supplying fixing and wireing 0 to 600 volts 96 X 96mm AC Voltmeter complete as per specfication & as per direction c charge
53	Supplying fixing and wireing 0 to 100 amps direct reading AC analog ammeter complete as per specfication & as p Engineer-in-charge

	Each	54	2673/-	26	49.50	1287=00	80	3960=00	
	Each	54	21978/-	26	407.00	10582=00	80	32560=00	
	Each	54	32670/-	26	605.00	15730=00	80	48400=00	
	Each	54	59400/-	26	1100.00	28600=00	80	88000=00	
	Each	54	41580/-	26	770.00	20020=00	80	61600=00	
	Each	54	29700/-	26	550.00	14300=00	80	44000=00	
with flexible n grade PVC Engineer-in-	Rmt	2338/-	372911/-	662/-	159.50	105589=00	3000/-	478.500=00	
provision for size clamps finished with	Sqm	369600/-	121968/-	246400/-	0.33	81312=00	616000/-	203,280=00	
ith 2 coats of	No	30	6930/-	20	231.00	4620=00	50	11550=00	
of not more plete as per	Each	30	8550/-	20	285.00	5700=00	50	14250=00	
ing complete	No	30	56925/-	20	1897.00	37950=00	50	94850=00	
ng complete	No	120	27720/-	60	231.00	13860=00	180	41580=00	
deep well ge CF pump inking water with required hall from an harge	No	5	317000/-	—	63400.00	—	5	317000=00	
d calbe with	Rmt	155	25575/-	45	165.00	7425=00	200	33000=00	
. In ordinary	Cum	76	4180/-	14	55.00	770=00	90	4950=00	
vare pipe/on	Rmt	155	852=50	45	5.50	247=50	200	1100=00	
ermal timer the existing	Each	6	39498/-	4	6583.00	26332=00	10	65830=00	
	Each	30	22050/-	10	735.00	7350=00	40	29400=00	
Engineer-in-	Each	15	6450/-	5	430.00	2150=00	20	8600=00	
direction of	Each	15	7425/-	5	495.00	2475=00	20	9900=00	

54	Supplying fixing and wireing rotary sector switch suitable for ammeter complete as per specfication & as per directi charge
55	Supplying fixing and wiring rotary sector switch suitable for voltmeter complete as per specfication & as per directi charge
56	Supplying and fixing for LED type panel board indicating lamp with 220 V AC 50 Hz 12/24v DC a) group A) specfication & as per direction of Engineer-in-charge
57	Supplying and fixing of 4 pole power contractor complete as per specfication & as per direction of Engineer-in-charge
58	Providing and fixing in position 50mm nominal bore non-return valve horizontal type of approved make including co labour and HOM of equipments with all leads complete as per specfication & as per direction of Engineer-in-charge
59	Supplying and fixing 50mm GL union complete as per specfication & as per direction of Engineer-in-charge
60	Supplying and fixing 50mm GL Elbow complete as per specfication & as per direction of Engineer-in-charge
61	Supplying and fixing 50mm GL Nipple complete as per specfication & as per direction of Engineer-in-charge
62	Supplying and fixing 50mm GL Colllars complete as per specfication & as per direction of Engineer-in-charge
63	Supplying and fixing 50mm GI pepes C class heavy duty for erection of submersible pump set complete as per spe direction of Engineer-in-charge
64	Supplying and fixing gun metal gate valve 50mm nominal bore complete as per specfication & as per direction of Eng
65	Cleaning of borewells including yield testing of borewell either using slow or fasr ring for more than 2 hours at the minimum working of 2 hours continuously with air compressor or suitable pump as per specification. Inclu transportation charges crew charges, cost of consumbles etc., complete
66	Logging/ scanning of borewells at any continously with the help of logger unit using including the cost of transporta charges. Stationary charges and cost of consumables etc.,
67	Yield testing of borewell at final depth with a minimum of 10 hours continously with the help of pump testing unit incl transportation charges crew charges and cost of consumables
68	Fishing of power from the borewell including cost of labour materials with all lead and lift etc., complete
69	Old GI pipe threading and transportation charges Rs. 27 per Mtr- 6.00 Mtrs X 27
	GRAND TOTAL

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

of Engineer-in-	Each	15	6450/-	5	430.00	2150:00	20	8600:00	
of Engineer-in-	Each	15	3675/-	5	245.00	1225:00	20	4900:00	
mplete as per	Each	25	10750/-	10	430.00	4300:00	35	15050:00	
	Each	30	27750/-	10	925.00	9250:00	40	37000:00	
f all materials	No	30	31530/-	10	1051.00	10510:00	40	42040:00	
	No	50	11185/-	10	223.70	2237:00	60	13422:00	
	No	100	11180/-	20	111.80	2236:00	120	13416:00	
	No	100	10430/-	20	104.30	2086:00	120	12516:00	
	No	150	18750/-	50	125.00	6250:00	200	25000:00	
tion & as per	Mtrs	305	122838.75	—	402.75	—	305	122838:75	
r-in-charge	No	15	24000/-	8	1600.00	12800:00	23	36800:00	
depth with a the cost of	Each	6	62700/-	3	10450.00	31350:00	9	94050:00	
harges crew	Each	6	7920/-	3	1320.00	3960:00	9	11880:00	
g the cost of	Each	6	42900/-	3	7150.00	21450:00	9	64350:00	
	Each	2	9240/-	—	4620.00	—	2	9240:00	
	Each	200	32400/-	100	162.00	16200:00	300	48600:00	
		32,26,516:75				12,73,360:50		44,99,877:25	

Deduct = 1% towards Retention Material.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು